

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1x.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012379**Date Inspected:** 04-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2130**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Bernie Docena**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** 1E-2E Bottom Plate Deck Stiffeners**Summary of Items Observed:**

At the start of the shift the Quality Assurance Inspector (QAI) traveled to the project site and observed the following work performed by American Bridge/Fluor (ABF) personnel at the 1E/2E Bottom Plate Deck Stiffeners field splice:

A). Bottom Plate field splice E1 to E2 Deck Stiffeners, D-S1 through D-18.

A). The (QA) Inspector observed the back gouging of the weld joint's identified as Weld Number's 1E-2E D-S1 through D-S18. The (QA) Inspector also observed Bernie Docena and Jesse Cayabyab performing Visual Testing (VT) and Magnetic Particle Testing (MT) on the back gouged areas after the bevels were prepped for welding. with No Rejectable Indications observed. No welding was performed during this shift. The (QA) Inspector also observed that Quality Control (QC) inspector Bernie Docena verified the back gouging did not extend past the beveled edges, into any portion the base metal of the Deck Stiffeners.

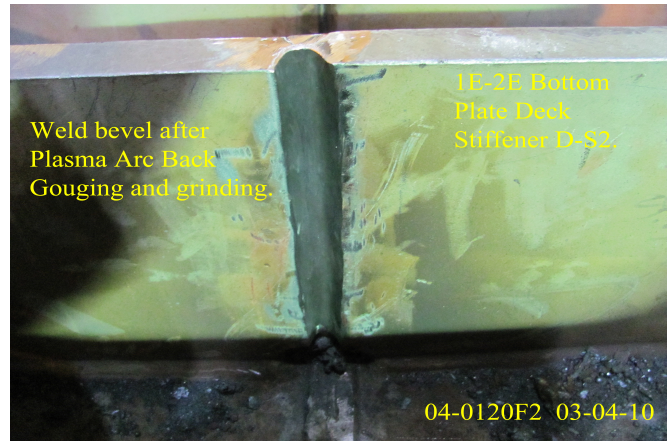
The welding and (QC) inspection performed on this shift was not completed and appeared to be in general compliance with the contract documents.

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---



### Summary of Conversations:

No relevant conversations noted at this time.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammed Fatemi (916)-227-5298, who represents the Office of Structural Materials for your project.

---

**Inspected By:** Richmond,Gary

Quality Assurance Inspector

---

**Reviewed By:** Levell,Bill

QA Reviewer